PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

091276016

CLAIMS AS FILED - PART I								SMALL EN	ITITY		OTHER	THAN
	•		(Column	1)	(Colur	mn 2)	i .	TYPE [OR	SMALL E	ENTITY
ТО	TAL CLAIMS	25				·		RATE	FEE		RATE	FEE
FO	3		NUMBER F	ILED	NUMB	ER EXTRA		EASIC FEE	395.00	ЭR	BASIC FEE	770.0
TO	TAL CHARGEA	CHARGEABLE CLAIMS minus 20= XS 9= OR									X\$18=	
IND	EPENDENT CL	AIMS 5	min	us 3 =	•			X43=		OR	X86=	
MU	LTIPLE DEPEN	DENT CLAIM PF	RESENT					+145=		OR	+290=	
* If	the difference	in column 1 is l	ess than zei	ro, enter	"0" in c	olumn 2		TOTAL		OR	TOTAL	
	CI	_AIMS AS A	MENDED	- PAR		(Column 3)	į.	SMALL E	ENTITY	OR	OTHER	
NTA		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO	EST BER DUSLY	PRESENT .		RATE	ADDI- TIONAL FEE		RATE	ADD TION, FEE
AMENDMĘNT	Total	· / C	Minus	• (25	=	1	X\$ 9=		OR	X\$18=	
MEN	Independent	. 4	Minus			=		X43=		OR	X86=	
<	FIRST PRESE	NTATION OF MI	JLTIPLE DEP	ENDEN	CLAIM	<u>. </u>]	-145=		0=	-290±	
						-		TOTAL		{	TOTAL ADDIT, FEE	
	٠			(Cl	O\	(Column 3)	١	ADDIT. FEE		1	AUDII. I EEI	
 		(Column 1) CLAIMS		(Colu	(EST	(Column 3)	ή .		ADDI-	ì ·		ADD
NT B		REMAINING AFTER AMENDMENT		NUM PREVI	BER OUSLY FOR	PRESENT EXTRA		RATE	TIONAL FEE		RATE	TION
AMENDMENT	Total	•	Minus	4.4		=		X\$ 9=		OR	X\$18=	
MEN	Independent	*	Minus	***		=	4	X43=		OR	X86=	
	FIRST PRESE	NTATION OF MI	JLTIPLE DEP	ENDEN	CLAIM		٢	+145=		OR	+290=	
		,						TOTAL		{	TOTAL	
		•						ADDIT. FEE		OR	ADDIT. FEE	<u> </u>
		(Column 1)			mn 2)	(Column 3)			_		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		NUN PREVI	HEST MBER OUSLY FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADI TION FE
DME	Total	*	Minus	••		=		XS 9=		OR	X\$18=	
MEN	Independent	•	Minus	***		=		X43=		OR	X86=	· _
\\d	FIRST PRESE	NTATION OF M	ULTIPLE DE	PENDEN	T CLAIM	1	لـ	1145		1	+290=	
								+145=	1	OR	1	1
1					رم د0° دم ده	olume 3		L———	ļ	┪	TOTAL	
	If the entry in colu If the "Highest Nu "If the "Highest Nu	mber Previously P	aid For IN TH	S SPACE	is less th	an 20, enter 2	0.°	TOTAL ADDIT, FEE		OR	TOTAL ADDIT. FEE	



Patent and Trade : Office
ASSISTANT SEC RY OF COMMERCE AND COMMISSIONER OF PATENTS AND TRADEMARKS
Washington D.C. 20231

NOTICE OF FILING/CLAIM FEE(S) DUE TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THIS FEE CALCULATION SHEET WITH YOUR RESPONSE

FE	E CALCUL	ATION SHE	ET WITH	YOUR RES	IN A COPY	OF THIS
APPLICATION	NUMBER	19276	_		A ONGE.	
		Total Fee	Calculation)n		
,	Fee Code	Total # Claims	Number Extra X	Fœ	-	
	Sm/Lg				Fee =	Total
Basic Filing Fee	201/101	** **		Sm. Entity	Lg Entity	~~ ·
Total Claims >20	203/103	20, -20 =				LOW
Independent Claims >3	202/102	5 -3=	^			
Mult. Dep Claim Present	204/104		x			1560
Surcharge	205/105	<u>.</u> ·				
English Translation	139	·	·	. ———		Back
TOTAL FEE CALCULA	NOTTON					
Fees due upon filing th	e application:					1.0460
Total Filing Fees Due	= S	0460	-			_
Less Filing Fees Submi	πed - \$		·		•	·
BALANCE DUE	= S <u>/</u>	1:0460		·		

FORM OIPE-RAM-01 (Rev. 5/97)

Office of Initial Patent E

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999

		CLAIMS AS	S FILED - I	SMA TYP	LL ENTIT	Y OR	OTHER SMALL			
FO	R	ŅИМВЕ	R FILED	NUMBER 8	XTRA .	RAT	E FE		RATE	FEE
ВА	SIC FEE					5	345.	00 OR		690.00
то	TAL CLAIMS	A	minus 2	0= • ~~	~	X\$ 9	=	OR	X\$18=	
IND	EPENDENT CL	AIMS Z	minus :	X39	=	OR	X78=			
MU	LTIPLE DEPENI	DENT CLAIM PI	RESENT			+130)= '	OR	+260=	
• If	the difference i	n column 1 is	less than ze	ro, enter "0" in c	olumn 2	TOTA		OR		190
	CL	AIMS AS A	MENDED	- PART II					OTHER	THAN
		(Column 1)		(Column 2)	(Column 3)	SMA	LL ENTIT	Y OR	SMALL	ENTITY
ENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	ADD E TION FE	AL	RATE	ADDI- TIONAL FEE
AMENDMENT	Total *:	. 15	Minus	. 25	=	X\$ 9)= - :-	OR	X\$18=	:= _
AME	Independent		Minus	PENDENT CLAIM	=	X39	=	OR	X78=	÷
	FINST PHESE	VIATION OF M	ULTIPLE DEP	PENDENT CLAIM		+130)=	OR	+260=	
						TO ADDIT, I	TAL	OR	TOTAL ADDIT: FEE	
		(Column 1)	* * *	(Column 2)	(Column 3)	יוטטוו. ו		•		
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	ADD E TION FEI	AL	RATE	ADDI- TIONAL FEE
AMENDMENT	Total	.21	Minus	- 20	= /	X\$ 9	=	OR	X\$18=	18
AME	Independent	2	Minus	PENDENT CLAIM	= _/	X39	=	OR	X78=	.:
\vdash	FINST PRESE	VIATION OF M	OLTIFLE DEF	ENDENT COAIM		+130	= .	OR	+260=	
						TO ADDIT, F	TAL	OR	TOTAL ADDIT, FEE	18
		(Column 1)		(Column 2)	(Column 3)					
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATI	ADD TION FEE	AL	RATE	ADDI- TIONAL FEE
Š	Total	•	Minus	••	=	X\$ 9	= .	OR	X\$18=	
AME	Independent	NITATION OF M	Minus	PENDENT CLAIM	= .	X39:	=	OR	X78=	
<u> </u> -	FINOI PRESE	NIATION OF M	OLITE DEF	ENDERT CEAIM		400		7	000	

ADDIT. FEE

TOTAL

If the entry in column 1 is less than the intry in column 2, write "0" in column 3.

[&]quot;If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

CLAIMS AS FILED - PART I									SMALL	ENTITY	_	OTHER	THAN
- ,				Column 1)	1 311		umn 2)	١.	TYPE		OR		
F(OR 		NUMBI	ER FILED	NL	UMBER	EXTRA] [RATE	FEE] [RATE	FEE
BA	ASIC FEE			e e e e e e e e e e e e e e e e e e e						380.00	OR		760.00
TC	OTAL CLAIMS			minus	20= *			X\$ 9=		OR	X\$18=		
	DEPENDENT CL			5 minus	s 3 = *		2] [X39=		OR	X78=	Rall
ML	ULTIPLE DEPEN	IDENT (CLAIM P	RESENT] [+130=		OR	+260=	1-4
* If	f the difference	in colu	ımn 1 is	less than z	ero, ente	 ∍r "0" in ∢	column 2	Ĺ	TOTAL	 	OR	TOTAL	911.0
	С	LAIM'	S AS /	AMENDED	D - PAF	RT II			• -		1~	OTHER	THAN
		(Colu	umn 1)		(Colu	umn 2)	(Column 3)		SMALL	ENTITY	OR	SMALL	
MENT A		REM/ AF	AIMS IAINING FTER NDMENT		NUM PREVI	HEST MBER MOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	* &	25	Minus	** 2	<u> 20 </u>	= 5		X\$ 9=		OR	X\$18=	900
AME	Independent FIRST PRESE	*	<u>5</u>	Minus	PENDEN	<u>5</u>	=		X39=		OR	X78=	
	FINOI FILLE	NIAIIC	N OF IV.	JLIPLE DE.	/ I	1 CLAIIVI		' [+130=		OR	+260=	
				1 1 71	[T			-	TOTAL		┨ _{╱╴} ┖	TOTAL	arep
		(Coli	umn 1)		Colu	ımn 2)	(Column 3)	A	DDIT. FEE		C ,	ADDIT. FEE	111/
~		CL/	AIMS		HIGH	HEST		, L		ADDI-	1 [ADDI-
AENT B		AF	AINING TER IDMENT		PREVIO	MBER IOUSLY D FOR	PRESENT EXTRA		RATE	TIONAL FEE		RATE	TIONAL FEE
AMENDMENT	Total	* /	[8	Minus	#2	5	=		X\$ 9=		OR	X\$18=	
AME	Independent FIRST PRESE	* TATIC	U DE M	Minus	PENDENT	2. AIM	=		X39=		OR	X78=	
	FINOI FILESE.	NIAIIC.	N(UF IVIC	JLI IPLE DE.	LNDEIN	TCLAIM			+130=		OR	+260=	
								L 40	TOTAL DDIT. FEE		_	TOTAL ADDIT. FEE	
		(Colu	ımn 1)		(Colum	mn 2)	(Column 3)	Fin)UII. F		J .	DDII. FEEE	
ENTC		CLA REMA AFT	AIMS AINING TER DMENT	; !	HIGH NUMI PREVIO PAID	HEST MBER OUSLY	PRESENT EXTRA		RATE-	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*		Minus	**		=		X\$ 9=		OR	X\$18=	
Ä		*		Minus	***		=	┢	X39=		 	X78=	
	FIRST PRESE	NTATIO	N OF ML	JLTIPLE DEP	PENDENT	r CLAIM		L	X39=		OR	X/8=	
• #	f the entry in colum	1 ie le	than th	in colu	O write	"O" in col	0	Ŀ	+130=		OR	+260=	
***	If the "Highest Num If the "Highest Num	mber Prev mber Prev	viously Parviously Pa	aid For IN THIS aid For IN THIS	S SPACE is	is less than is less thar	n 20, enter "20."	AD	TOTAL DIT. FEE			TOTAL ADDIT. FEE	
•		har Dear	acustu Mair	d For Mail or	/ Indonena/	ant) ic the	highest number	r founc	I in the ann	rooriate boy	in colu	/mn 1.	,

	PAMENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number														
	PA	KENT A	PPL	CATIOI	N FEE DE	HD		(09/	1	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	6			
		V	<u> </u>	-nective	atober.	1, 2	<i>∞</i> ·			i	<u> </u>			- ()	
D	VF	CLA	FILED -	mn 2)		SMAI TYP		ENTITY	OR	OTHER SMALL S					
FOR NUMBER FILED NUMBER EXTRA									ſ	RAT	E	FEE.	1	RATE	FEE
BA	BASIC FEE											\$ 353	OR		\$740
то:	TAL C	LAIMS		25	minus 2	:0= ·	5			X\$ 9		45	OR	X\$18=	7
INDEPENDENT CLAIMS 5 minus 3 = * 2										XYO	12	84	OR	×8H=	
MU	LTIPL	E DEPEN	DENT (CLAIM PR	ESENT	_				+135	; =		OR	380=	
* If	the di	ifference	in colu	ımın 1 is le	ess than ze	ro, er	nter "0" in c	olumn 2	l	TOTA			OR	TOTAL	
			•		MENDED	:	-					······	-	OTHER	
•				umn 1)		(Co	olumn 2)	(Column 3)		SMA	LLI	ENTITY	OR	SMALL	
MTA			CL REM AF	AIMS AINING TER NDMENT		H N PRI	IIGHEST IUMBER EVIOUSLY AID FOR	PRESENT EXTRA		RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT A	Total		*		Minus	**		=		X\$ 9)= -		OR	X\$18=	
MEN	Indep	pendent	* .		Minus	***		=	İ	X.40	<u>_</u> .		OR	x84=	
4	FIRS	T PRESE	NTATIC	ON OF MU	ILTIPLE DEP	ZEND	ENT CLAIM		1				1		
				_						+/35	TAL	<u> </u>	OR	280-	
				•					F	ADDIT. F		L	OR	ADDIT. FEE	L
				umn 1)	e:	_	olumn 2)	(Column 3)							4.5.5.
DMENT B			REM A	AIMS IAINING FTER YDMENT		PR	RIGHEST NUMBER EVIOUSLY PAID FOR	PRESENT EXTRA		RATI	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total	٠.			Minus	**		=		X\$ 9)=		OR	X\$18=	
AMEN		pendent	*		Minus	***		=		X40	<u>'</u> =		OR	x84±	
[FIRS	T PRESE	NTATIC	ON OF MU	ILTIPLE DE	PEND	ENT CLAIM		l				1	1064-	
_									L	+135		ļ	OR	+286=	
		~	de					•	A	TOT Addit. F	TAL FEE		OR	ADDIT. FEE	
				umn_1)			olumn 2)	(Column 3)	1						
ENTC			CL REM A	AIMS IAINING FTER NOMENT		PR	HIGHEST NUMBER LEVIOUSLY PAID FOR	PRESENT EXTRA		RATI	Ε	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total		*		Minus	**		=		X\$ 9	=		OR	X\$18=	<u></u>
MEN	Inde	pendent		-	Minus	***		=		хно			OR	X84	
₹	FIRS	T PRESE	NTATIO	ON OF MU	JLTIPLE DE	PEND	ENT CLAIM		 				1		
<u> </u>										+135			OR	+280	
-	If the T	Highest Nu	mber Pr	eviously Pa	ald For IN THE	S SPA	write "0" in co VCE is less tha	an 20, enter "20."	- -	TOT NOOIT. F		·	OR	TOTAL ADOIT, FEE	
-	MI 0h.a. 9	141ah a a 81.	-bar Dr	on donatio De	NA EAS IN THI	IC CDA	ACF is loss the	en 3, enter "3." e highest numbe				propriate bo	x in co	ilumn 1.	•